

Solve each problem.

1)  $4 \times 10^1$

2)  $22 \times 10^3$

3)  $35 \times 10^3$

4)  $85 \times 10^1$

5)  $869 \times 10^1$

6)  $479 \times 10^4$

7)  $3 \times 10^2$

8)  $9 \times 10^2$

9)  $41 \times 10^2$

10)  $157 \times 10^3$

11)  $37 \times 10^1$

12)  $2 \times 10^1$

13)  $28 \times 10^4$

14)  $453 \times 10^1$

15)  $98 \times 10^2$

16)  $3 \times 10^1$

17)  $718 \times 10^1$

18)  $74 \times 10^4$

19)  $5 \times 10^1$

20)  $9 \times 10^1$

1. \_\_\_\_\_

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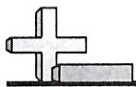
16. \_\_\_\_\_

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Solve each problem.

$$5.47 \times 10^4$$

This is the same as saying:

$$5.47 \times (10 \times 10 \times 10 \times 10)$$

And because the base is 10 you can just move the decimal 4 places to the right to solve.

$$54700.$$

$$5.47 \times 10^4 = 54,700$$

$$2.36 \div 10^2$$

Division is the same way. Only instead of moving the decimal right, you move it left.

$$.0236$$

You can also multiply a negative exponent, which means the same thing.

$$2.36 \times 10^{-2} = 2.36 \div 10^2$$

1)  $47.575 \times 10^1$

2)  $85.3 \times 10^3$

3)  $2.4 \times 10^1$

4)  $479.724 \times 10^3$

5)  $8.5 \times 10^1$

6)  $3.96 \times 10^4$

7)  $16.4 \times 10^3$

8)  $89.2 \times 10^2$

9)  $22.182 \times 10^4$

10)  $55.26 \times 10^2$

11)  $4.31 \times 10^1$

12)  $499.22 \times 10^4$

13)  $39.136 \times 10^4$

14)  $4.79 \times 10^3$

15)  $285.2 \times 10^1$

16)  $765.83 \times 10^1$

17)  $5.319 \times 10^1$

18)  $168.869 \times 10^2$

19)  $1.3 \times 10^1$

20)  $387.1 \times 10^3$

1. \_\_\_\_\_

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